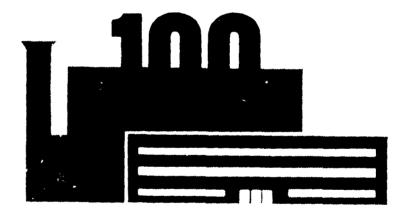
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Corrected Copy

100 COMPANIES RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS Fiscal Year 1981





DIRECTORATE FOR INFORMATION OPERATIONS AND REPORTS (DIOR) THE PENTAGON, WASHINGTON, D.C.

Department of Defense

100 COMPANIES RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS

Fiscal Year 1981

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FOREWORD

This report is published annually by the Office of the Secretary of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports. It contains summary data on the 100 companies and their subsidiaries which were awarded the largest total dollar volume of Department of Defense prime contract awards during Fiscal Year 1981.

Requests for additional information should be addressed to the Director, Washington Headquarters Services, Room 3E843, The Pentagon, Washington, D.C. 20301.

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Please Note: In the first printing of this report (January 1982), two firms were incorrectly included as subsidiaries of the General Electric Company. They have been removed; all effected amounts and percentages have been adjusted.

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INTRODUCTION

This report presents summary data on the 100 companies and their subsidiaries receiving the largest dollar volume of Department of Defense (DOD) prime contract awards during Fiscal Year (FY) 1981. Table 1 (page 7) lists the 100 companies in alphabetical order and gives their associated rank. Table 2 (page 8) identifies the parent companies in rank order, with their subsidiaries, and gives the total net value of awards for both the parent company and its subsidiaries. In many cases the parent company receives no awards itself but appears on the list because of its subsidiaries. Table 2 also shows what percent of the total awards each company's awards represent as well as the cumulative percent represented by all companies.

NOTES ON COVERAGE

Data in this report reflect the net value of both debit and credit procurement actions over \$10,000, e.g., the value of a terminated contract or other downward adjustment to a contract is deducted from a firm's total award amount, while modifications and other positive adjustments are created as increases. Procurement actions include definitive contracts, the obligated portions of letter contracts, job orders, task orders, delivery orders, and any other orders against existing contracts. Research and development, services, construction, and supply and equipment contracts, worldwide, are included.

The report does not include those parts of indefinite quantity contracts that have not been translated into specific orders to business firms, or those contracts that have not yet become mutually binding agreements between the government and the company. The company totals do not include contracts made by other U.S. Government agencies and financed with Department of Defense funds or contracts awarded in foreign nations through their respective governments.

The assignment of subsidiaries to parent companies is based on stock ownership of 50 percent or more by the parent company, as indicated by data published in standard industrial reference sources. The company names and corporate structures are those in effect as of September 30, 1981. For the purposes of this report company names have been retained unless specific knowledge was available that a company has been merged into the parent or absorbed as a division with loss of company identity. Only those subsidiaries are shown for which procurement actions have been reported.

HIGHLIGHTS OF FY 1981 DATA

Department of Defense prime contract awards over \$10,000 totaled \$97.4 billion during FY 1981, \$20.6 billion more than in FY 1980. The 100 firms and their subsidiaries receiving the largest amount of DOD contracts in FY 1981 received \$64.7 billion or 66.4 percent of this amount, primarily for aircraft, missile/space systems, ships, and electronics/communications equipment. In FY 1980, the top 100 companies received \$50.6 billion or 65.9 percent of all awards.

Table A below shows that the first five companies received 17.7 percent of the total received by all companies in FY 1981, compared with 18.8 percent during FY 1980. The company ranked as number one in FY 1981, McDonnell Douglas Corporation, received awards totaling \$4.4 billion, compared with awards totaling \$3.5 billion for the number one company in FY 1980. The smallest amount received by a company on the FY 1981 list was \$119 million, compared with \$86 million in FY 1980.

TABLE A

	PERCENT OF TOTAL					
Company Position	FY 1978	FY 1979	FY 1980	FY 1981		
1st 2nd 3rd 4th 5th	7.0% 4.8 4.0 3.7 3.0	5.5% 5.1 4.0 3.2 3.0	4.6% 4.2 4.0 3.1 2.9	4.5% 3.9 3.5 3.0 2.8		
TOTAL 1-5	22.5	20.7	18.8	17.7		
6-10 11-25	11.9 14.3	10.8 14.6	11.0 15.4	10.4 15.6		
TOTAL 1-25	48.7	46.1	45.2	43.8		
26-50 51-75 76-100	11.1 5.4 3.3	11.0 5.8 3.5	11.6 5.8 3.3	12.4 6.4 3.8		
TOTAL 1-100	68.5%	66.4%	65.9%	66.4%		

Changes in the Top 100 Companies, FY 1980 to FY 1981

Nineteen contractors who did not appear on the list last year are among the top 100 companies this year. (See Table B, page 5.) Of these, one appears in position 13, one in position 44, and the balance between positions 50 and 100. The nineteen contractors who appeared on the FY 1980 list who do not appear on this year's list are also shown in Table B.

Of the 81 companies appearing on the list in both Fiscal Years 1980 and 1981, 34 advanced their position, 43 are in a lower position, and 4 showed no change. Companies are considered as appearing on the list in both years despite mergers, acquisitions, divestitures, and name changes if a major component of a newly constituted company or the newly constituted company itself made the list as a component of a company in the top 100 in the prior year.

TABLE B

Companies Listed in FY 1981 But Not in FY 1980*

Companies Listed in FY 1980 But Not in FY 1981

Al Huseini British Petroleum Co., Ltd. Burroughs Corp. Chin Hueng Intl. & Gen. Constr., JV Dupont, E. I. DeNemours & Co. Ex Celi O Corp. GATX Corp. Houston Oil & Refining, Inc. ICCI & Al Miraibid Etal, JV Kuwait National Petroleum Co., Ltd. Mason Chamberlain, Inc. Morrison-Knudsen Co., Inc. Philbro Corp. Roarda, Inc. Science Applications, Inc. Transamerica Corp. U.S. & South American Enterprises Vinnell Corp. Williams International Corp.

Centex Corp. City Investing Co. Computer Sciences Corp. Felec Services, Inc. First Colony Farms, Inc. General Agencies & Sam Whan, JV Groves, Kiewit Granite, JV Hanil Dev. Co. Ltd. & Al Mabani, JV Harsco Corp. Hewlett Packard Co. Imperial Chemical Industries, Ltd. Kasler Continental Heller Etal, JV Loral Corp. Mi Ryung Construction Co., Ltd. Montedison, SPA Sam Whan Corp. Saudi Maintenance Co., Ltd. Sun Chemical Corp. Sverdrup Corp.

*Excludes Chamberlain Manufacturing Company, which is now a subsidiary of Duchossis Thrall Company, and G. K. Technologies, which is now a subsidiary of Penn Central Corporation.

Primary Procurement Categories of the Top 100 Companies

Although the contract work of many companies on the list includes more than one procurement category, each company has been assigned in Table C (page 4) to the procurement category that accounts for its largest dollar volume of DOD awards; for example, International Telephone and Telegraph Corporation is a multi-industry company producing electronic and communications equipment and industrial and consumer products. For this table, it has been assigned to "Electronics", the procurement category accounting for its largest dollar volume of DOD contract awards. On this basis, the number of companies on the list supplying petroleum increased by five, those supplying missiles, ships, and tank-automotive each increased by two, while all other categories either showed no change or decreased.

TABLE C

NUMBER OF COMPANIES

Procurement Category	FY 1980	FY 1981	Change
Aircraft	16	16	0
Missiles	13	15	2
Ships	4	6	2
Tank-Automotive	5	7	2
Ammunition	7	5	-2
Electronics	18	17	-1
Services	10	6	-4
Construction	5	3	-2
Petroleum	19	24	5
Weapons	2	0	-2
Subsistence	0	0	0
All Other	1	1	0

Companies With Prime Contract Awards Totaling Over \$1 Billion

During FY 1981, 18 companies received prime contract awards totaling over \$1 billion. Each company is listed in Table D by rank, along with its FY 1980 rank and the dollar value of the awards it received in both FY 1980 and FY 1981. Table E (page 5) describes the major products of these 18 companies.

TABLE D

Rank			Awards		
1981	1980	Company Name	(In Bil <u>1981</u>	1ions) 1980	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	2 3 1 5 4 6 7 8 10 13 20 18 N/A 29 9	McDonnell Douglas Corp. United Technologies Corp. General Dynamics Corp. General Electric Co. Boeing Co. Lockheed Corp. Hughes Aircraft Co. Raytheon Co. Grumman Corp. Chrysler Corp. Litton Industries, Inc. Martin Marietta Corp. Philbro Corp. Exxon Corp. Tenneco, Inc. Rockwell International Corp.	\$4.4 3.8 3.4 3.0 2.7 2.7 2.6 1.8 1.7 1.4 1.3 1.2 1.2	\$3.2 3.1 3.5 2.2 2.4 2.0 1.8 1.7 1.3 1.0 .7 .8 N/A .5 1.5	
1 <i>7</i> 18	15 17	Westinghouse Electric Corp. FMC Corp.	1.1	.9 .8	

TABLE E

Company

Major Products

1. McDonnell Douglas Corp.

F-15 EAGLE, F-4 PHANTOM, F-18 HORNET fighter aircraft, and C-10 cargo aircraft. HARPOON, TOMAHAWK, and DRAGON missiles.

2. United Technologies Corp.

F-100, TF-30, TF-33, and J-60 turbofan and turbojet engines. UH-60 UTTAS and CH-53 SEA STALLION helicopters.

3. General Dynamics Corp.

F-16 and F-111 fighter aircraft. AEGIS and Standard Arm missiles. MK-15 close-in weapon system. Nuclear submarines.

4. General Electric Co.

Nuclear submarines. F-18 fighter aircraft engines. UH-60 UTTAS helicopter engines. MINUTEMAN missile. Miscellaneous electronics and communications equipment.

5. Boeing Co.

B-52 STRATO FORTRESS, C-135 STRATO-LIFTER, CH-47 CHINOOK and H-46 SEA KNIGHT aircraft. ROLAND and AWACS missile systems. RDT&E for transportation systems and other defense.

6. Lockheed Corp.

TRIDENT and POLARIS missile systems. P-3 ORION, C-141 STARLIFTER, C-5 GALAXY, and C-130 HERCULES aircraft. Space vehicles.
Amphibious assault ships.

7. Hughes Aircraft Co.

TOW, SHORAD, PHOENIX, ROLAND, MAVER-ICK, and TRIDENT missile systems. Radar equipment and guided missile systems for A-6 INTRUDER, F-14 TOM-CAT, and F-15 EAGLE aircraft. R&D for electronics and communications equipment and missile and space systems.

8. Raytheon Co.

PATRIOT, SPARROW, and HAWK missile systems.
Underwater sound equipment.
Miscellaneous electronics and communications equipment.

9. Grumman Corp.

F-14 TOMCAT, E-2 HAWKEYE, A-16 IN-TRUDER, and EA-6B PROWLER aircraft. Electronic countermeasures for F-111 aircraft.

10. Chrysler Corp.

M1 and M60 tanks. RDT&E for tank-automotive.

11. Litton Industries, Inc.

Guided missile cruisers, guided missile components, and various electronics and communications equipment.

12. Martin Marietta Corp.

Space vehicles. 155mm projectiles. RDT&E for missile and space systems and electronics and communications equipment.

13. Philbro Corp.

Petroleum

14. Exxon Corp.

Petroleum

15. Tenneco, Inc.

Aircraft carriers and nuclear submarines.

16. Rockwell International Corp.

RDT&E for missile and space systems. Miscellaneous electronics and communications equipment.

17. Westinghouse Electric Corp.

Nuclear reactors. Electronic systems. RDT&E for electronics and communications equipment.

18. FMC Corp.

Infantry fighting vehicles. Guided missile launchers, guns, and RDT&E for tank-automotive.

RANK	PARENT COMPANY	RANK	PARENT COMPANY
74	AEROSPACE CORP (N)	31	L T V CÖRP
56.	AGIP S P A	87	L I V CORP LEAR SIEGLER INC LITTON INDUSTRIES, INC
	AL HUSEINI	11	LITTON INDUSTRIES, INC
42.			
52.	AMERADA HESS CORP AMERICAN MOTORS CORP AMERICAN TELEPHONE + TELEGRAPH CO	12.	MARTIN MARIETTA CORP
24.	AMERICAN TELEPHONE + TELEGRAPH CO	92	MASON CHAMBERLAIN INC
78	ASHLAND OIL INC	82.	
32	ATLANTIC RICHFIELD CO	1.	
37.	AVCO CORP	90.	
40	BENDIX CORP	46.	
5.	BOEING CO	91.	
68.	BRITISH PETROLEUM CO LTD	29.	MOTOR OIL HELLAS
80.	BURROUGHS CORP	72.	
89.	CHIN HUENG INTL & GENERAL CONTR JV	45.	NORTH AMERICAN PHILIPS CORP
10.	CHRYSLER CORP	26.	
28.	COASTAL CORP	61.	
47.	CONGOLEUM CORP	63	PAN AMERICAN WORLD AIRWAYS INC
83.	CONTROL DATA CORP	73.	
96	DUCHOSSOIS THRALL CO	13.	
94.	DUPONT E I DE NEMOURS + CO	62.	PRIDE REFINING CO
57.		21.	
98.		8.	
65.		49.	· · · · · · · · · = - · · ·
88		97.	
14		16.	
18.	F M C CORP	67.	
41.		75.	
33.		81.	
77.	G A T X CORP	64.	
3.	GENERAL DYNAMICS CORP	30.	
4.	SENERAL ELECTRIC CO	20.	
27	GENERAL MOTORS CORP	19.	
43.	GENERAL TELEPHONE + ELECTRNCS CORP	60.	
54.	GENERAL TIRE + RUBBER CO	84.	
59.	GETTY OIL CO	71.	SUN CO INC
51.	GCODYEAR TIRE + RUBBER CO	34.	
85.	GOULD, INC	35.	
9.	GRUMMAN CORP	15.	
36.	GUAM OIL + REFINING CO INC	50.	TEXACO INC
93.	GULF OIL CORP	25.	
58.	HARRIS CORP	38	
55 .	HERCULES, INC	79.	THIOKOL CORP
22.	HONEYWELL INC	20	TARR SUIDVADRS CARR
66.	HOUSTON OIL & REFINING INC	100	TRANSAMERICA CORP
7.	HOUSTON OIL & REFINING INC HUGHES AIRCRAFT CO I C C I & AL MIRAIBID ETAL JV 1/ INTERNATIONAL BUSINESS MACHINES CO INTERNATIONAL TELEPHONE + TEL CORP JOHNS HOPKINS UNIVERSITY (N)	69	U S & SOUTH AMERICAN ENTERPRISES
70.	I C C I & AL MIRAIBID ETAL JV 1/	2	UNITED TECHNOLOGIES CORP
23.	INTERNATIONAL BUSINESS MACHINES CO	44	VINNELL CORP
48.	INTERNATIONAL TELEPHONE + TEL CORP	17	WESTINGHOUSE ELECTRIC CORP
76.	JOHNS HOPKINS UNIVERSITY (N)	86.	WILLIAMS INTERNATIONAL CORP
99.	KUWAIT NATIONAL PETROLEUM CO LTD	95.	WILE ONLY

^{1/} Indonesian Consortium of Construction Industries/Al Miraibid Establishment JV

100 COMPANIES AND THEIR SUBSIDIARIES LISTED ACCORDING TO NET VALUE OF PRIME CONTRACT AWARDS

FISCAL YEAR 1981 (1 OCT 1980 - 30 SEP 1981)

RANK	COMPANIES	THOUSANDS OF	PERCENT OF	CUMULATIVE PERCENT OF
		DOLLARS	TOTAL	TOTAL
	T O T A L	\$97,388,528	100.00	100.00
	TOTAL, 100 COMPANIES + THEIR SUBSIDIARIES	64,659,865	66.39	66.39
1,	MCDONNELL DOUGLAS CORP MCDONNELL DOUGLAS ELECTRONICS CO	4,408,458 1,016		
	TOTAL	4,409,474	4.53	4 . 53
2.	UNITED TECHNÖLÖGIES CORP CARRIER INTERNATIONAL CORP ESSEX GROUP INC INMONT CORP NORDEN SYSTEMS INC OTIS ELEVATOR CO	3,679,285 3,334 1,884 57 90,774 257		
	TOTAL	3,775,591	3.88	8.41
3.	GENERAL DYNAMICS CÖRP DATAGRAPHIX GMBH DATAGRAPHIX INC STRÖMBERG CARLSON CÖRP	3,380,318 58 11,144 10,961		
	TOTAL	3,402,481	3.49	11.90
4.	GENERAL ELECTRIC CO CANADIAN GENERAL ELECTRIC CO, LTD GENERAL ELECTRIC MEDICAL SYSTEMS GENERAL ELECTRIC TECH SVC CO INC MANAGEMENT + TECHNICAL SERVICES CO	2,927,810 218 257 19 26,430		
	TOTAL	2,954,734	3.03	14.93
5.	BOEING CO BOEING AEROSPACE CO BOEING COMPUTER SERVICES INC BOEING SERVICES INTERNATIONAL INC BOEING VERTOL CO	1,891,624 458,398 8,508 63,619 260,583		
	TOTAL	2,682,732	2.75	17.68
6.	LOCKHEED CORP LOCKHEED CALIFORNIA CO LOCKHEED ELECTRONICS CO, INC LOCKHEED MISSILES + SPACE CO INC LOCKHEED SHIPBUILDING CONSTRUCTION MURDOCK MACHINE + ENGR CO OF TEXAS	1,064,439 961 56,455 1,183,729 350,866 124		
	TOTAL	2,656,574	2.73	20.41
7.	HUGHES AIRCRAFT CO HUGHES RESEARCH LABS. SANTA BARBARA RESEARCH CENTER	2,509,878 1,650 40,884		
	TOTAL	2,552,412	2.62	23.03

RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
8.		1,668,793		
	AMANA REFRIGERATION INC AMRAD INC	43 38		
	BEECH AEROSPACE SERVICES	38,765		
	BEECH AIRCRAFT CORP	43,909		
	CALORIC CORP	35		
	DENVER BEECHCRAFT	345 150		
	INDIANA BEECHCRAFT INC IOWA MFG CO OF CEDAR RAPIDS IOWA	364		
	KURAS ALTERMAN CORP	3,70 2		
	LEXITRON CORP	2,770		
	LORAC SERVICE CORP	157		
	MACHLETT LABORATORIES INC	4,487		
	RAYTHEON DATA SYSTEMS CO	240 12,275		
	RAYTHEON GULF SYSTEMS CO RAYTHEON MARINE CO	320		
	RAYTHEON OCEAN SYSTEMS CO	141		
	RAYTHEON SERVICE CO	29,439		
	RAYTHEON TECHNICAL ASSISTANCE CO	19,482		
	SWITCHCRAFT INC	228		
	UNITED ENGINEERS + CONSTRUCTORS	262		
	TOTAL		1.87	24 90
	,	, , -		
9.	GRUMMAN CORP	6,056		
	GRUMMAN AEROSPACE CORP	1,696,965		
	GRUMMAN DATA SYSTEMS CORF	7,345		
	TOTAL		1 76	26 66
		, ,		
10.		21,435		
	CHRYSLER DEFENSE INC	1,392,932		
	TOTAL		1 45	28 11
11.	LITTON INDUSTRIES, INC	80,197		
	BELOIT POWER SYSTEMS	240		
	DIEHL DATA SYSTEMS	95		
	KOEHLER DAYTON	16		
	LITTON BIONETICS INC Litton business systems, inc	12 319		
	LITTON INDUSTRIAL PRODUCTS INC	2,334		
	LITTON MEDICAL PRODUCTS, INC	66		
	LITTON PRECISION PRODS INTL INC	499		
	LITTON SYSTEMS INC	1,300,806		
	MONROE BUSINESS EQUIPMENT CO INC	13		
	MONROE CALCULATING CO	253		
	MONROE INTERNATIONAL INC SWEDA INTERNATIONAL INC	19 67		
	SWEDA INTERNATIONAL THE	••		
	TOTAL	1,384,936	1.42	29 53
12.	MARTIN MARIETTA CORP	1,223,217		
	INTERNATIONAL LASER SYSTEMS INC	11,651		
	MARTIN MARIETTA ALUMINUM INC	294		
	MARTIN MARIETTA ALUMINUM SALES INC	46,911		
	MARTIN MARIETTA DATA SYSTEMS INC	4,921		
	TOTAL	1,286,994	1.32	30.85
13.	PHILBRO CORP	509		
	DERBY + CO INC	1,222,558		
	TOTAL	1,223,067	1 . 26	32.11

RANK	COMPANIES	THOUSANDS OF	ΔE	CUMULATIVE PERCENT OF
		DOLLARS	TOTAL	TOTAL
14.	EXXON CORP	1,007,749		
	ESSO A G	51,829		
	ESSO ITALIANA S P A	1,520		
	ESSO OFFICE SYSTEMS, INC	59		
	ESSO PETROL CO LTD	281		
	ESSO S A F	28		
	EXXON CO USA	88,787		
	EXXON RESEARCH + ENGINEERING CO	441		
	RELIANCE ELECTRIC CO	1,543		
	TOTAL	1,152,237	1.18	33 29
15.	TENNECO INC			
	CASE (JI) CO	16,892		
	CASE POWER + EQUIPMENT LTD	41		
	GAS EQUIPMENT ENGRS, INC	701		
	K C L CORPORATION	13		
	MONROE AUTO EQUIPMENT CO	514		
		1,133,056		
	PACKAGING CORP OF AMERICA	50		
	TENNECO CHEMICALS, INC	54		
	TEMMESO STEMPONES, THE			
	TOTAL		1.18	34 47
16	ROCKWELL INTERNATIONAL CORP	1,124,562		
. 0	ADMIRAL CORP	33		
	UNICOM SYSTEMS INC	421		
	WESCOM INC	951		
	WEGGOTT 1110			
	TOTAL	1,125,967	1.16	35.63
17.	WESTINGHOUSE ELECTRIC CORP	1,122,739		
	WESTINGHOUSE AIRPORT SYSTEMS	25		
	WESTINGHOUSE DATASCORE SYSTEMS	49		
	WESTINGHOUSE ELECTRIC SUPPLY CO	1,721		
	WESTINGHOUSE ELEVATOR CO	97		
	WESTINGHOUSE LEARNING CORP	117		
	WEST THORISOE EEMITTION SOLL			
	TOTAL	1,124,748	1,15	36.78
18.	F M C CORP	1,052,488	1.03	37 . 86
, 0 .		1,002,400	1,	37 : 33
19	STANDARD OIL CO OF CALIF	87		
	CALTEX ASIA LTD	_ 840		
	CALTEX OIL PRODUCTS CO 1/	149,471		
	CALTEX OVERSEAS LTD	336		
	CHEVRON INTEFNATIONAL GIL CG, INC	1,255		
	CHEVRON OIL CO	773		
	CHEVRON U S A INC	819,028		
	TOTAL	971,790	1.00	38.86
	DDEDDY ORDS		0.0	00.01
20.	SPERRY CORP	928,144	0.95	39.81
21	R C A CORP	861,953		
	HERTZ CORP	1,626		
	HERTZ EQUIPMENT RENTAL CORP	218		
	R C A ELECTRO OPTICS & DEVICES	13		
	R C A GLOBAL COMMUNICATIONS, INC	12,784		
	R C A MOBILE COMMUNICATIONS	232		
	TOTAL	876,826	0.90	40.71

 $[\]underline{1}/$ Stock ownership in the Caltex Companies is equally divided between Standard Oil of California and Texaco, Inc.

RANK		THOUSANDS OF DOLLARS	PERCENT OF	CUMULATIVE PERCENT OF
		600 175		
22.		692,175		
	ELECTRONICS FOR MEDICINE	492		
	HONEYWELL INFORMATION SYSTEMS, INC	144,418 8 6		
	INCOTERM CORP SKINNER PRECISION INDUSTRIES INC	47		
	SPECTRONICS INC	994		
	or go mont oo m			
	TOTAL	838,212	0.86	41.57
23.		801,788		
	DISCO VISION ASSOCIATES	;81 2,560		
	I B M DEUTSCHLAND GMBH SCIENCE RESEARCH ASSOCIATES INC	2,380 49		
	SCIENCE RESERVON ASSOCIATES THO			
	TOTAL	804,578	0.83	42.40
24.	AMERICAN TELEPHONE + TELEGRAPH CO BELL TELEPHONE CO OF PA	331,627 734		
	CHESAPEAKE + POTOMAC TEL CO OF DC	734 43,587		
	ILLINOIS BELL TEL CO	289		
	MICHIGAN BELL TEL CO	631		
	MOUNTAIN BELL TELEPHONE CO	4,886		
	NEW ENGLAND TEL + TEL CO	861		
	NEW JERSEY BELL TELEPHONE CO	255		
	NEW YORK TELEPHONE CO	1,199		
	NORTHWESTERN BELL TELEPHONE CO	1,014		
	OHIO BELL TELEPHONE CO	2,522		
	PACIFIC NORTHWEST BELL TELEPHONE	433		
	PACIFIC TELEPHONE + TELEGRAPH CO	2,704		
	SOUTH CENTRAL BELL TEL CO	2,359		
	SOUTHERN BELL TELEPHONE + TELEGRPH SOUTHWESTERN BELL TELEPHONE	3,306 5,832		
	TELETYPE CORP	35,563		
	WESTERN ELECTRIC CO INC	251,899		
	TOTAL	694,701	0.71	43 11
25	TEXAS INSTRUMENTS INC	625,080	0.64	43 75
26	NORTHROP CORP	529,155		
20.	NORTHROP INTERNATIONAL ACET INC	1,991		
	NORTHROP SERVICES INC	832		
	NORTHROP WORLDWIDE ACFT SVCS INC	91,036		
	NORTHROP CAROLINA INC			
	*		0.64	
	TOTAL	623,014	0.64	44.39
2 7	GENERAL MOTORS CORP	621,618	0.64	45.03
28	COASTAL CORP			
	BELCHER NEW ENGLAND INC	8,206		
	BELCHER OIL CO	43,335		
	BELCHER DIL CO OF CAPE CANAVERAL	8,220		
	BELCHER TERMINALS INC	10,963		
	COASTAL BERMUDA	31,700		
	COASTAL STATES ENERGY CO	273		
	COASTAL STATES MARKETING INC COASTAL STATES TRADING INC	449,462 58,368		
	PACIFIC REFINING CO	5,899		
	INGII I NEI LITTIE VV			
	TOTAL	616,426	0.63	45.66

RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
29.	MOTOR OIL HELLAS	583,470	0.60	46.26
30.	SINGER CÖ FRIDEN MAILING EQUIPMENT CÖRP	546,456 73		
	H R B SINGER, INC	1 8 ,008		
	TOTAL	564 , 53 7	0.58	46.84
31.	L T V CORP	5,928		
	JONES & LAUGHLIN STEEL INC KENTRON HAWAII LTD	71 5 3 6,060		
	KENTRON INTERNATIONAL INC	18,279		
	LYKES BROS STEAMSHIP CO INC	25,959		
	SKAGIT CORP	38		
	VOUGHT CORP	454,011		
	WILSON + CO INC	6,858		
	WILSON FOODS CORP	548		
	TOTAL	548,396	0.56	47.4C
32	ATLANTIC RICHFIELD CO	5,869		
	ANACONDA ALUMINUM CO	185		
	ANACONDA CO	2,846		
	ANACONDA INDUSTRIES	54		
	ARCO PETROLEUM CO	537,923 81		
	ARCO PIPE LINE CO Wright Oil CO INC	425		
	WATER OF THE			
	TOTAL	547,383	0.56	47.96
33	FORD MOTOR CO	5,656 527,088		
	FORD AEROSPACE + COMMUNICATIONS	537,988 		
	TOTAL	543,644	0.56	48.52
34	T R W INC	395,422		
	AERTECH INDUSTRIES	844		
	E S L INC HARTZELL PROPELLER INC	87,654 83		
	T R W COLORADO ELECTRONICS, INC	32,486		
	T R W TECHNICAL RESEARCH CENTER	86		
	TATAL	81C 875	0.53	49.05
	TOTAL	516,575	0.00	43.00
35	TELEDYNE INC	52,903 397		
	MICRONETICS INC ORDNANCE SPECIALTIES INC	373		
	TELEDYNE AEROSPACE SYSTEMS	190		
	TELEDYNE AMCO	10		
	TELEDYNE ANALYTICAL INSTRUMENTS	12		
	TELEDYNE AVIONICS	1,539		
	TELEDYNE BATTERY PRODUCTS	103		
	TELEDYNE BROWN ENGINEERING	45,854 29,879		
	TELEDYNE C A E Teledyne camera systems	2,993		
	TELEDYNE CAST PRODUCTS	21		
	TELEDYNE CONTROLS	2,430		
	TELEDYNE CRYSTALONICS	161		
	TELEDYNE ELECTRONICS	28,755		
	TELEDYNE ENGINEERING SERVICE	100 23		
	TELEDYNE EXPLORATION TELEDYNE FARRIS ENGINEERING	23 226		
	TELEDYNE FIRTH STERLING INC	4,723		
	TELEDYNE GEOTECH	2,059		
	·			

RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT	CUMULATIVE PERCENT OF
		-		
35 .	TELEDYNE INC			
	TELEDYNE GURLEY TELEDYNE HANAU ENGINEERING	174		
	TELEDYNE HASTINGS RAYDIST	87		
	TELEDYNE HYDRA POWER	466 2,778		
	TELEDYNE INDUSTRIES, INC	279,246		
	TELEDYNE INET INC	1,258		
	TELEDYNE ISOTOPES	12		
	TELEDYNE LANDIS MACHINE CO	60		
	TELEDYNE LANDIS MACHINE CO TELEDYNE LEWISBURG	311		
	TELEDYNE LINAIR ENGINEERING	4,267 15		
	TELEDYNE M E C	23,993		
	TELEDYNE MCCORMICK SELPH	8,788		
	TELEDYNE MCKAY	71		
	TELEDYNE MICROELECTRONICS TELEDYNE MICROWAVE	93		
	TELEDYNE MONARCH RUBBER	25		
	TELEDYNE NATIONAL	344 265		
	TELEDYNE OSTER	62		
	TELEDYNE PHILBRICK	26		
	TELEDYNE PINES	70		
	TELEDYNE RELAYS	211		
	TELEDYNE REPUBLIC MFG TELEDYNE SEMICONDUCTOR	1,005		
	TELEDYNE SPRAGUE ENGINEERING	218 220		
	TELEDYNE TABER	40		
	TELEDYNE THERMATICS	1,058		
	TELEDYNE WALTERBORO	74		
	TELEDYNE WESTERN WIRE & CABLE	188		
	TELEDYNE WISCONSIN MOTOR	366		
	TOTAL	498,552	0.51	
		496,332	0.51	49.56
36.	GUAM OIL + REFINING CO INC	496,477	0.51	50.07
37	AVCO CORP	475,517		
	AVCO EMBASSY PICTURES CORP	106		
	AVCO EVERETT RESEARCH LABORATORY	17,116		
	TATAL			
	TOTAL	492,739	9.51	50 58
38.	TEXTRON INC BELL HELICOPTER INTL INC	471,370		
	BELL TECHNICAL OPERATIONS CORP	28		
	E-Z GO CAR CORP	7,510 20		
	JACOBSEN MFG CO	59		
	TOTAL	478,937	0.49	51.07
39.	TODD SHIPYARDS CORP	468,004		
	DESIGNERS + PLANNERS, INC	4,147		
	TOTAL	472,151	0.48	51.55
40.	BENDIX CORP	416,383		
	BENDIX AUTOLITE CORP	494		
	BENDIX FIELD ENGINEERING CORP COURTER INC	35,945		
	FRAM CORP	3,385		
	WARNER & SWASEY CO	71 2,007		
		2,007		
	TOTAL	458,285	0.47	52.02

		. 		
RANK	COMPANIES	THOUSANDS	PERCENT	
41.	FAIRCHILD INDUSTRIES, INC	450,207		
	AMERICAN SATELLITÉ CORP	2,050		
	GREER HYDRAULICS INC	835		
	V S I CORP '	4,570		
	TOTAL	457,662	0.47	52.49
42.	AMERADA HESS CORP	102 608		
76.	HESS OIL VIRGIN ISLANDS CORP	102,608		
	HESS OIL VINGIN ISLANDS COM	345,574		
	TOTAL		0.46	E2 05
	TOTAL	448,182	0,40	52.95
43.	GENERAL TELEPHONE + ELECTRNCS CORP			
70.	G T E AUTOMATIC ELECTRIC INC	404		
	G T E INFORMATION SYSTEMS, INC	1,637		
	G T E LABORATORIES, INC	•		
	G T E LENKURT, INC	589		
	•	706		
	G T E PRODUCTS CORP	32,763		
	G T E SYLVANIA INC	377,699		
	GENERAL TELEPHONE CO OF CALIFORNIA	32		
	GENERAL TELEPHONE CO OF FLORIDA	600		
	GENERAL TELEPHONE CO OF ILLINOIS	10		
	GENERAL TELEPHONE CO OF SOUTHEAST	685		
	GENERAL TELEPHONE CO OF SOUTHWEST	696		
	HAWAIIAN TELEPHONE CO	10,474		
	** ****			
	TOTAL	426,295	0 44	53.39
44.	VINNELL CORP	409,591	0.42	53.81
45	NORTH AMERICAN PHILIPS CORP	1,284		
	AIRPAX	224		
	AIRPAX ELECTRONICS INC	4,812		
	AMPEREX ELECTRONIC CORP	3,419		
	ANCHOR BRUSH CO INC	3,479		
	CHICAGO MAGNETIC WIRE CO	415		
	GENERAL ATRONICS CORP	11,108		
	KULKA ELECTRIC CORP	13		
	LUSTRA LIGHTING CORP	10		
	MAGNAVOX ADVANCED PROD & SYS CO	5,315		
	MAGNAVOX CO	125,637		
	MAGNAVOX DATA SYSTEMS INC	248		
	MAGNAVOX GOVT + INDUSTRIAL ELEC CO			
	MEPCO ELECTRA INC	200		
	NORTH AMERICAN PHILIPS CONTROLS CO	1,340		
	NORTH AMERICAN PHILIPS LTG CORP	903		
	PHILIPS BUSINESS SYSTEMS INC			
	PHILIPS ELECTRONIC INSTRUMENTS INC	109		
		561		
	PHILIPS ELMET CORP	96		
	PHILIPS MEDICAL SYSTEMS INC	3,039		
	PHILIPS TEST & MEASURING INSTRS	31		
	SMITH HERMAN H INC	27		
	THOMPSON HAYWARD CHEMICAL CO	152		
	VERD A RAY CORP	11		
	TOTAL	406,649	0.42	54.23
	Men. 11 0000			
46.	MOBIL CORP			
	CONTAINER CORP OF AMERICA	116		
	HYDRO CONDUIT CORP	515		
	MOBIL OIL CORP	384, 141		
	MOBIL OIL NEW ZEALAND, LTD	213		
	MOBIL OIL PHILIPPINES, INC	157		
	MOBIL SHIPPING & TRANSPORTATION CO	474		

RANK		THOUSANDS OF DOLLARS	PERCENT	CUMULATIVE
46.	MOBIL. CORP			
	TOTAL	385,616	0.40	54,63
47.	CONGOLEUM CORP			
	BATH IRON WORKS CORP	382,985		
	TOTAL	382,985	0.39	55,02
48.	INTERNATIONAL TELEPHONE + TEL CORP FEDERAL ELECTRIC CORP	229,316 81,779		
	I T T AEROSPACE CONTROLS	30		
	I T T ARCTIC SERVICES	1,590		
	I T T BARTON	2,756		
	I T T BLACKBURN CORP I T T CONTINENTAL BAKING CO	14 5,231		
	I T T COURIER TERMINAL SYSTEMS INC	473		
	I T T ELECTRO OPTIC PRODUCTS	97		
	I T T GENERAL CONTROLS, INC	1,331		
	I T T GILFILLAN INC	38,911		
	I T T GRINNELL CORP	44		
	I T T GWALTNEY INC I T T HAMMEL DAHL CONOFLOW	3,197 239		
	I T T HARPER, INC	906		
	I T T HENZE SERVICE	64		
	! T T JENNINGS	766		
	I T T MARLOW PUMPS	17		
	I T T NORTH ELECTRIC CO	226		
	I T T POMONA ELECTRONICS INC I T T SHERATON CORP OF AMERICA	13 14		
	I T T TELECOMMUNICATIONS CORP	1,622		
	I T T VULCAN ELECTRIC	48		
	I T T WORLD COMMUNICATIONS, INC	9,438		
	J C C PUMP CO INC	1,458		
	STANDARD ELEKTRIK LÖRENZ AG	110		
	STANDARD TELEPHONES + CABLES, LTD U S TRANSMISSION SYSTEMS	99 107		
	U 3 TRANSMISSION STSTEMS			
	TOTAL	379,896	0.39	55 41
49.	REYNOLDS R J INDUSTRIES INC	19,366		
	DEL MONTE CORP	11,289		
	DEL MONTE SALES CORP	2,395		
	GRANNY GOOSE FOODS INC	278		
	MORTON FROZREN FOODS	71		
	R J R FÖÖDS INC REYNÖLDS R J TÖBACCÖ CÖ	3,580 21,337		
	SEA LAND INDUSTRIES INC	207, 527		
	SEA LAND SERVICE INC	114,009		
	TOTAL	379,852	0.39	55 80
5 0.	TEXACO INC	·		
JU.	CALTEX ASIA LTD	45,554 839		
	CALTEX OIL PRODUCTS CO , ,	149,470		
	CALTEX OVERSEAS LTD $1/$	335		
	DEUTSCHE TEXACO VERKAUF GMBH	4,493		
	TEXACO INTERNATIONAL TRADER INC	176,226		
	TEXACO PANAMA INC	886		
	TEXACO UK LTD	1,880		
	TOTAL	379,683	0.39	56.19

Stock ownership in the Caltex Companies is equally divided between Texaco, Inc., and Standard Oil of California.

RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
51.	GOODYEAR TIRE + RUBBER CO DEUTSCHE GOODYEAR GMBH GOODYEAR AEROSPACE CORP MOTOR WHEEL CORP	94,425 40 244,207 2,936		
	HOTOR WHELE GOR	2,930		
	TOTAL	341,608	0.35	56.54
52.	AMERICAN MOTORS CORP	51		
	A M GENERAL CORP MERCURY PLASTICS CO	325,915 762		
	HERCORY FEASTFOS GO			
	TOTAL	326,728	0.34	56.88
53.	AL HUSEINI	323,890	0.33	57.21
54.	GENERAL TIRE + RUBBER CO	1,968		
	AERÖJET GENERAL CÖRP AERÖJET LIQUID RÖCKET CÖ	307,318 25		
	AEROJET SERVICES CO	71		
	AEROJET STRATEGIC PROPULSION CO	1,829		
	AERÖJET TACTICAL SYSTEMS JOHNSTON PUMP CÖ	10,306 305		
	TOTAL			
	TOTAL	321,822	0.33	57.54
55.		280,174		
	ADRIA LABORATORIES INC HAVEG INDUSTRIES INC	892 57		
	TATAL			53 00
	TOTAL	281,123	0.29	57.83
56.	AGIP S P A AGIP PETROLEUM CO INC	265,562		
	AGTE FETROLEON CO INC	13,032		
	TOTAL	278,594	0.29	58.12
57.	·	264,798		
	ELECTRONIC COMMUNICATIONS INC SERV AIR INC	638 9,565		
	TOTAL		0.00	E 0 40
	TOTAL	275,001	0.28	58.40
58.	HARRIS CORP	263,789	0.27	58.67
59.	GETTY OIL CO	135,554		
	ASSOCIATED OIL CO GETTY REFINING & MARKETING CO	139 109,427		
	TOTAL		0.25	58.92
		245,120	0.25	30.32
60.	STANDARD OIL OF INDIANA AMOCO OIL CO	224 446		
	AMOCO UNITED KINGDOM	234,446 8,663		
	TOTAL	243,109	0.25	59.17
61.	PACIFIC RESOURCES INC			
31 .	GASCO INC	7,149		
	HAWAIIAN INDEPENDENT REFINERY INC	235, 942		
	TOTAL	243,091	0.25	59.42

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RANK	COMPANIES	THOUSANDS OF DÖLLARS	PERCENT	CUMULATIVE
		DOLLARS	TOTAL	TOTAL
				
62.	PRIDE REFINING CO	242,680	0.25	59.67
63 .	PAN AMERICAN WORLD AIRWAYS INC	23£,829	0.25	59.92
64.	SIGNAL COMPANIES INC (THE)	10		
	AIRESEARCH AVIATION CO	54		
	'AIRESEARCH MFG CO	491		
	AIRESEARCH MFG CO OF ARIZONA	15,370		
	AIRESEARCH MFG CO OF CALIFORNIA	34,983		
	AMPEX CORP	18,635		
	DUNHAM BUSH INC	997		
	GARRETT CORP	156,664		
	MACK TRUCKS INC	•		
	PETROLEUM HEAT + POWER CO, INC	254		
	· · · · · · · · · · · · · · · · · · ·	315		
	PRECISION RUBBER PRODUCTS CORP	69		
	SOUTHLAND OIL CORP	10,494		
	TOTAL			
	TOTAL	238,336	0.24	6 0.16
65.	EMERSON ELECTRIC CO	222,618		
00.	ATWOOD & MORRILL CO INC	52		
	CHANCE A B CO			
		3,637		
	FLOW TECHNOLOGY INC	130		
	RIDGE TOOL CO	190		
	ROSEMOUNT INC	10,388		
	SWECO INC	15		
	TATAL			
	TOTAL	237,030	0.24	60.40
66.	HOUSTON OIL & REFINING INC	228,756	0.23	60.63
67	ROYAL DUTCH SHELL GROUP			
• • • • • • • • • • • • • • • • • • • •	SHELL CHEMICAL INC	227		
	SHELL CO OF THE ISLAND	227		
	SHELL CURACAO N V	1,226		
	SHELL EASTERN PETROLEUM PTE LTD	81,229		
	SHELL INTERNATIONAL	56,357		
		5,5 5 6		
	SHELL NEDERLAND	5,035		
	SHELL OIL CO	72,942		
	SHELL UK LTD	5,203		
	TOTAL			
	TOTAL	227,775	0.23	60.86
68.	BRITISH PETROLEUM CO LTD	97		
• • • • • • • • • • • • • • • • • • • •	B P AUSTRALIA LTD			
	B P NORTH AMERICA LTD	5,297		
	B P OIL CORP	206,679		
		146		
	B P TRADING LTD	10,667		
	CARBORUNDUM CO	451		
	DORR OLIVER INC	27		
	KENNECOTT CORP	197		
	STANDARD IOL CO OF OHIO	73		
	TOTAL	220 624		
	IOIAL	223,634	0.23	61.09
69.	U S & SOUTH AMERICAN ENTERPRISES	222,709	0.23	61 22
	The second court with	222,709	0.23	61.32

RANK	COMPANIES	THOUSANDS OF DOLLARS	ÖF TÖTAL	PERCENT OF TOTAL
				* -
70.	I C C I & AL MIRAIBID ETAL JV	205,465	0.21	61.53
71.	SUN CÓ INC SUN PETROLEUM PRÓDUCTS CÓ SUN SHIPBUILDING + DRY DÓCK CÓ	197,101 1,292 2,622		
	TOTAL	201,015	0.21	61.74
72.	MOTOROLA INC MOTOROLA SEMICONDUCTOR PRODUCTS TEGAL CORP	198,597 338 78		
	UNIVERSAL DATA SYSTEMS INC	101 199,114	0.20	61.94
73.	PENN CENTRAL CORP AERO MECHANISM INC AUTOMATION INDUSTRIES INC EDGINGTON OIL CO INC G & H TECHNOLOGY INC G K TECHNOLOGIES INC MARATHON BATTERY CO MARATHON LE TOURNEAU CO MARATHON MFG CO SPRAGUE ELECTRIC CO VITRO ENGINEERING CORP	99 177,686 1,908 796 555 13,009 609 11 1,284 3,015		
	TOTAL	198,972	0.20	62.14
74.	AEROSPACE CORP (N)	198,931	0.20	62.34
75.	SANDERS ASSOCIATES INC CALIFORNIA COMPUTER PRODUCTS INC	188,849 1,596		
	TOTAL	190,445	0.20	62.54
76.	JOHNS HOPKINS UNIVERSITY (N)	186,765	0.19	62.73
77.	G A T X CORP AL TECH SPECIALTY STEEL CORP FULLER CO G A T X TERMINALS CORP MARINE TRANSPORT LINES INC TOTAL	225 10 115 430 185,077 185,857	0.19	62 ₋ 92
78.	ASHLAND OIL INC ALLIED OIL CO ASHLAND CHEMICAL CO ASHLAND PETROLEUM CO CASHCO INC DREW CHEMICAL CORP EASTERN SEABOARD PETROLEUM CO, INC FILTROL CORP HOLMES & NARVER INC MICROPUL CORP RILEY BEAIRD INC RILEY STOKER CORP WILLIAMS BROS ENGINEERING CO	5,535 331 3,138 161,869 24 500 7,233 641 1,894 74 481 42 301		
	TOTAL	182,063	0.19	63.11

RANK	COMPANIES	THOUSANDS OF DÖLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
79.	THIOKOL CORP		0.18	
80.	BURRÖUGHS CÖRP GRAPHIC SCIENCES INC REDACTRÖN CÖRP SYSTEM DEVELÖPMENT CÖRP	106,985 342 185 69,158		
	TOTAL	176,670	0.18	63.47
81.	SCIENCE APPLICATIONS INC	172,424	0.18	63.65
82.	MASSACHUSETTS INSTITUTE TECHNOLOGY	165,489	0.17	63.82
83.	CÖNTRÖL DATA CÖRP CÖMMA CÖRP KERÖTEST MFG CÖRP SERVICE BUREAU CÖRP THE	161,147 25 121 63		
	TOTAL	161,356	0.17	63.99
84.	SUMMA CORP HUGHES HELICOPTERS INC	141,944 11,618		
	TOTAL	153,562	0.16	64 15
85.	GÖULD, INC CHESAPEAKE INSTRUMENT CORP DELTEC CORP I T E IMPERIAL CORP S R L MEDICAL INC SYSTEMS ENGINEERING LABS INC	128,366 39 112 9,296 29 13,615		
	TOTAL	151,457	0.16	64.31
86.	WILLIAMS INTERNATIONAL CORP	148,108	0.15	64.46
87.	LEAR SIEGLER INC	144,197	0.15	64.61
88.	EX CELL O CORP ACCURATE BUSHING CO CADILLAC GAGE CO MCCORD CORP ROCKFORD MACHINE TOOL CO	9,546 189 127,549 2,077 261		
	TOTAL	139,622	0.14	64 . 75
ძ9.	CHIN HUENG INTL & GENERAL CONTR JV	139,321	0.14	64 89
90.	MITRE (THE) CORP (N)	136,697	0.14	65.03

RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF	CUMULATIVE PERCENT OF
91.	•	41,862 15,869 78,933		
	TOTAL	136,664	0.14	65 17
92.	MASON CHAMBERLAIN INC	135,555	0.14	65.31
93.	GULF OIL CORP GULF OIL GREAT BRITIAN LTD GULF OIL TRADING CO GULF PETROLEUM SA PANAMA GULF RESEARCH + DEVELOPMENT CO GULF TRADING & TRANSPORT CO HARSHAW CHEMICALS CO INDUSTRIAL ASPHALT INC KEWANEE BOILER CORP KOREA OIL CORP	127,483 360 733 52 86 284 972 210 2,951 969		
	TOTAL	134,100	0.14	65.45
94.	DUPONT E I DE NEMOURS + CO ENDO LABORATORIES, INC NEW ENGLAND NUCLEAR CORP REMINGTON ARMS CO, INC	14,047 483 15 118,183		
	TOTAL	132,728	0.14	65.59
95.	XEROX CORP FUJI-XEROX CO, LTD GINN + CO KOREA XEROX CO LTD RANK XEROX LTD XEROX DATA SYSTEMS, INC XEROX ELECTRO OPTICAL SYSTEMS INC XEROX LEARNING SYSTEMS	57,799 1,547 10 776 2,156 227 69,609 62		
	TOTAL	132,186	0.14	65.73
96.	DUCHOSSÓIS THRALL CÓ CHAMBERLAIN MFG CÓRP TÓTAL	-131,362 131,362	0.13	65 . 86
97.	ROARDA INC	128,250	0.13	65.99
98.	EASTMAN KODAK CO EASTMAN KODAK STORES INC HOLSTON DEFENSE CORP KODAK EXPORT, LTD	82,794 223 42,567 47		
	TOTAL	125,631	0.13	66.12
99 .	KUWAIT NATIONAL PETROLEUM CO LTD	121,840	0.13	66.25
100.	TRANSAMERICA CORP TRANS INTERNATIONAL AIRLINES CORP TRANSAMERICA DELAVAL INC UNITED ARTISTS CORP	85,393 32,963 253		
	TOTAL	118,609	0.12	66.37